

T. Saidha

Re-run



RAW SEQUENCE LISTING

DATE: 07/24/2003

PATENT APPLICATION: US/09/663,481

TIME: 15:07:50

Input Set : N:\paola\US09663481.raw.txt

Output Set: N:\CRF4\07242003\I663481.raw

1 <110> APPLICANT: Pfizer Inc.
 2 Fidock, Mark D.
 3 <120> TITLE OF INVENTION: PHOSPHODIESTERASE ENZYMES
 4 <130> FILE REFERENCE: PC10350AGPR
 5 <140> CURRENT APPLICATION NUMBER: US/09/663,481
 6 <141> CURRENT FILING DATE: 2000-09-15
 7 <150> PRIOR APPLICATION NUMBER: US 60/177,326
 8 <151> PRIOR FILING DATE: 2000-01-20
 9 <150> PRIOR APPLICATION NUMBER: UK 9922125.1
 10 <151> PRIOR FILING DATE: 1999-09-17
 11 <160> NUMBER OF SEQ ID NOS: 21
 12 <170> SOFTWARE: PatentIn version 3.2
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 15 <211> LENGTH: 516
 16 <212> TYPE: PRT
 17 <213> ORGANISM: Homo sapiens
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 23 Ile Glu Glu Leu Lys Lys Asn Leu Glu Tyr Thr Ala Ser Leu Leu Glu
 24 35 40 45
 25 Ala Val Tyr Ile Asp Glu Thr Arg Gln Ile Leu Asp Thr Glu Asp Glu
 26 50 55 60
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 28 65 70 75 80
 29 Leu Ala Ser Thr Phe Thr Gln Gln Ala Arg Ala Lys Gly Arg Arg Ala
 30 85 90 95
 31 Glu Glu Lys Pro Lys Phe Arg Ser Ile Val His Ala Val Gln Ala Gly
 32 100 105 110
 33 Ile Phe Val Glu Arg Met Phe Arg Arg Thr Tyr Thr Ser Val Gly Pro
 34 115 120 125
 35 Thr Tyr Ser Thr Ala Val Leu Asn Cys Leu Lys Asn Leu Asp Leu Trp
 36 130 135 140
 37 Cys Phe Asp Val Phe Ser Leu Asn Gln Ala Ala Asp Asp His Ala Leu
 38 145 150 155 160
 39 Arg Thr Ile Val Phe Glu Leu Leu Thr Arg His Asn Leu Ile Ser Arg
 40 165 170 175
 41 Phe Lys Ile Pro Thr Val Phe Leu Met Ser Phe Leu Asp Ala Leu Glu
 42 180 185 190
 43 Thr Gly Tyr Gly Lys Tyr Lys Asn Pro Tyr His Asn Gln Ile His Ala
 44 195 200 205

ENTERED

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47	Val	His	Cys	Leu	Ser	Glu	Ile	Glu	Leu	Leu	Ala	Ile	Ile	Phe	Ala	Ala
48	225					230					235					240
49	Ala	Ile	His	Asp	Tyr	Glu	His	Thr	Gly	Thr	Thr	Asn	Ser	Phe	His	Ile
50					245					250					255	
51	Gln	Thr	Lys	Ser	Glu	Cys	Ala	Ile	Val	Tyr	Asn	Asp	Arg	Ser	Val	Leu
52				260					265					270		
53	Glu	Asn	His	His	Ile	Ser	Ser	Val	Phe	Arg	Leu	Met	Gln	Asp	Asp	Glu
54		275						280					285			
55	Met	Asn	Ile	Phe	Ile	Asn	Leu	Thr	Lys	Asp	Glu	Phe	Val	Glu	Leu	Arg
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68	385					390					395					400
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93	cat	ggcaaac	cctgttcctg	ttcagaggag	ccacctccag	ggccccattc	tcaggctgcg									180
94	ctac	atggtg	aagcagttgg	agaatgggga	gataaacatt	gaggagctga	agaaaaatct									240

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98	caagttccga agcattgtgc acgctgtgca ggctgggatc ttcgtggaac ggatgttccg	480
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101	gaggaccatt gtttttgagt tgctgactcg gcataacctc atcagccgct tcaagattcc	660
102	cactgtgttt ttgatgagtt tcctggatgc cttggagaca ggctatggga agtacaagaa	720
103	tccttaccac aaccagatcc acgcagccga tgttaccacg acagtccatt gcttcttgct	780
104	ccgcacaggg atggtgcact gcctgtcgga gattgagctc ctggccatca tctttgctgc	840
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108	tgtagaactc cgagccctgg tcattgagat ggtgttggcc acagacatgt cctgccattt	1080
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154 35 40 45
155 Gly Glu Ile Asn Ile Glu Glu Leu Lys Lys Asn Leu Glu Tyr Thr Ala
156 50 55 60
157 Ser Leu Leu Glu Ala Val Tyr Ile Asp Glu Thr Arg Gln Ile Leu Asp
158 65 70 75 80
159 Thr Glu Asp Glu Leu Gln Glu Leu Arg Ser Asp Ala Val Pro Ser Glu
160 85 90 95
161 Val Arg Asp Trp Leu Ala Ser Thr Phe Thr Gln Gln Ala Arg Ala Lys
162 100 105 110
163 Gly Arg Arg Ala Glu Glu Lys Pro Lys Phe Arg Ser Ile Val His Ala
164 115 120 125
165 Val Gln Ala Gly Ile Phe Val Glu Arg Met Phe Arg Arg Thr Tyr Thr
166 130 135 140
167 Ser Val Gly Pro Thr Tyr Ser Thr Ala Val Leu Asn Cys Leu Lys Asn
168 145 150 155 160
169 Leu Asp Leu Trp Cys Phe Asp Val Phe Ser Leu Asn Gln Ala Ala Asp
170 165 170 175
171 Asp His Ala Leu Arg Thr Ile Val Phe Glu Leu Leu Thr Arg His Asn
172 180 185 190
173 Leu Ile Ser Arg Phe Lys Ile Pro Thr Val Phe Leu Met Ser Phe Leu
174 195 200 205
175 Asp Ala Leu Glu Thr Gly Tyr Gly Lys Tyr Lys Asn Pro Tyr His Asn
176 210 215 220
177 Gln Ile His Ala Ala Asp Val Thr Gln Thr Val His Cys Phe Leu Leu
178 225 230 235 240
179 Arg Thr Gly Met Val His Cys Leu Ser Glu Ile Glu Leu Leu Ala Ile
180 245 250 255
181 Ile Phe Ala Ala Ala Ile His Asp Tyr Glu His Thr Gly Thr Thr Asn
182 260 265 270
183 Ser Phe His Ile Gln Thr Lys Ser Glu Cys Ala Ile Val Tyr Asn Asp
184 275 280 285
185 Arg Ser Val Leu Glu Asn His His Ile Ser Ser Val Phe Arg Leu Met
186 290 295 300
187 Gln Asp Asp Glu Met Asn Ile Phe Ile Asn Leu Thr Lys Asp Glu Phe
188 305 310 315 320
189 Val Glu Leu Arg Ala Leu Val Ile Glu Met Val Leu Ala Thr Asp Met
190 325 330 335
191 Ser Cys His Phe Gln Gln Val Lys Thr Met Lys Thr Ala Leu Gln Gln
192 340 345 350
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198          385          390          395          400
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200          405          410          415
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202          420          425          430
203 Phe Ser Val Leu Thr Asp Val Ala Glu Lys Ser Val Gln Pro Leu Ala
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208          465          470          475          480
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210          485          490          495
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225 ggagtcggat tgcccgtcac ccctggagct gaagtcagcc cccagcaaga agatgtggat 180
226 taagcttcgg tctctgctgc gctacatggt gaagcagttg gagaatgggg agataaacat 240
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/663,481

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Input Set : N:\paola\US09663481.raw.txt
Output Set: N:\CRF4\07242003\I663481.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:14,15,16,17,18,19,20,21

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/663,481

DATE: 07/24/2003

TIME: 15:07:51

Input Set : N:\paola\US09663481.raw.txt

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